

ABSTRACT

An electronic system includes a user transaction device that provides a device identifier when coupled to a transaction terminal. The transaction terminal is configured to indicate that a transaction is to be performed when coupled to the user transaction device. The electronic system also includes a transaction privacy clearinghouse (TPCH), coupled selectively to the user transaction device when a transaction is to be performed. The TPCH is coupled to receive the device identifier and accessible data. Additionally, the accessible data is to be stored in a public storage area of a memory storage device that can be communicatively coupled to the user transaction device. The TPCH authorizes a transaction based upon the device identifier and the accessible data that includes account information of a user that is authorized to use the user transaction device. Moreover, a transaction is authorized without providing the identity of the user to the transaction terminal. The memory storage device also includes a private storage area for storage of confidential data such that the private storage area is to be encrypted with a key that is to be stored in the user transaction device.